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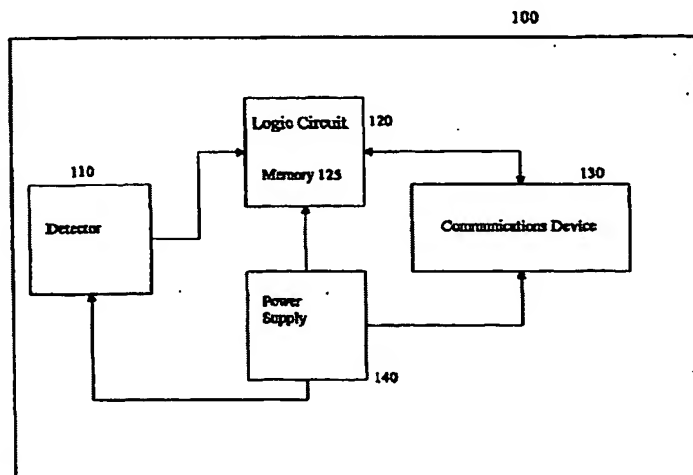
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(54) Title: SYSTEMS AND METHODS FOR GENERATING RANDOM NUMBERS FROM ASTONOMICAL EVENTS



(57) Abstract: The invention discloses systems and methods for generating pure random numbers from astronomical events, such as cosmic radiation or solar events. The invention includes a detector, a logic circuit, memory, power supply and a communication device. The detector may be, for example, a solar wind particle detector, an alpha ray detector, a gamma ray detector, or the like. The memory stores data from the detector. The communication device transmits the data. In addition, the logic circuit applies predetermined mathematical rules to the collected data to generate pure random numbers suitable for use in games of chance, horoscopes, astrology, sound or light displays, or other activities. In addition, the logic circuit may encrypt these random numbers before the numbers are transmitted to a receiving device.